

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
**WO 2005/016282 A2**

- (51) International Patent Classification<sup>7</sup>: **A61K**
- (21) International Application Number:  
PCT/US2004/026361
- (22) International Filing Date: 13 August 2004 (13.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/495,172 14 August 2003 (14.08.2003) US
- (71) Applicant (for all designated States except US): **EX-ELIXIS, INC.** [US/US]; 170 Harbor Way, P.O. Box 511, South San Francisco, California 94083-0511 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **FRANCIS-LANG, Helen** [GB/US]; 1782 Pacific Avenue, Apt. 2, San Francisco, California 94109 (US). **WINTER, Christopher G.** [US/US]; 641 Homer Avenue, Palo Alto, California 94301 (US). **VENTURA, Richard Benn Abegania** [US/US]; 290 Bay Ridge Drive, Daly City, California 94014 (US). **HEUER, Timothy S.** [US/US]; 581A Paloma Avenue, Pacifica, California 94044 (US). **ADAMKEWICZ, Joanne I.** [US/US]; 1249 Rhode Island Street, San Francisco, California 94107 (US).
- (74) Agents: **SHAYESTEH, Laleh et al.**; 170 Harbor Way, P.O. Box 511, South San Francisco, CA 94083-0511 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report\*and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PRKCS AS MODIFIERS OF THE BETA CATENIN PATHWAY AND METHODS OF USE

(57) Abstract: Human PRKC genes are identified as modulators of the beta catenin pathway, and thus are therapeutic targets for disorders associated with defective beta catenin function. Methods for identifying modulators of beta catenin, comprising screening for agents that modulate the activity of PRKC are provided.



WO 2005/016282 A2